SF- Cu.Al.8Ni2

A.W.S. A5.7:
No equivalent

DIN 1733:
SG-CuAl8Ni2
WERKS. 2.0922

BS 2901 Pt.3: C29
EN 14640: S CuAl8Ni2
S Cu 6327

DESCRIPTION

An aluminium bronze alloy containing Nickel, Manganese and Iron. Applications include overlaying of steel. It has a good resistance to wear and good corrosion properties against sea-water and chlorides. The high mechanical strenght makes it suitable for welding on Cast Iron. Pre-heating is recommended for large work pieces.

CHEMICAL COMPOSITION

Al	7,5 - 9,5
Si	<0,20
Mn	1,0 - 2,5
Ni	1,8 - 3,0
Zn	<0,20
Fe	1,5 - 2,5
Pb	<0,02
Cu	remainder

OTHERS TOTAL <0,40

SHIELDING GASES FOR GMAW/GTAW

Argon: DIN 32526 I1

Gas flow rate: 14-18 L./min.

MECHANICAL CHARACTERISTICS:

Tensile strenght Rm:	430 - 540 N/mm2
Elongation L=5d:	30%
Hardness:	130 - 150 HB

Mechanical properties quoted above are approximate values, intended for guidance only.

AVAILABLE SIZES

MIG: 15 kg K300/KS300 Spools

DIAMETER OF THE WIRE

1,0 mm - 1,2 mm - 1,6 mm

MORE DIAMETERS AND PACKAGING UPON REQUEST